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### IN THE CLAIMS

Please replace the claims in the present application with the following claim listing:

1-46. (canceled).

47. (original) An apparatus that transmits content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the apparatus comprising:

means for scheduling the assembling of a channel's content;

means for assembling the channel's content according to the schedule;

means for fragmenting the channel's content into packets;

means for multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

means for receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory.

48. (original) The apparatus of claim 47, further comprising means for organizing the received usage reports by channel.

49. (original) The apparatus of claim 47, wherein each usage report contains information identifying a subset of URL data items delivered to a web browser.

50. (original) The apparatus of claim 47, wherein the usage reports comprise a set of files and wherein the URL data items accessed for each channel is referenced in one set of files.

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51. (original) The apparatus of claim 47, wherein the usage reports contain information identifying each URL data item, from the stored URL data items, being delivered to a web browser.

52. (original) The apparatus of claim 50, wherein usage reporting is performed on a subset of a channel's URL data items and the files contain a separate record for each time a usage reported URL data item was delivered to a web browser, wherein the record identifies the URL of the URL data item.

53. (original) The apparatus of claim 52, wherein the record identifies when the URL data item was delivered to the web browser.

54. (original) The apparatus of claim 52, wherein the record contains a field uniquely identifying the user that accessed the URL data item.

55. (original) The apparatus of claim 54, wherein the field uniquely identifying the user does not specify the identity of the user.

56. (original) The apparatus of claim 54, wherein the field uniquely identifying the user specifies the identity of the user.

57. (original) The apparatus of claim 47, wherein a channel's content is assembled from a web server and further comprising means for notifying the web server from which a URL data item was assembled that the URL data item was accessed by a user.

58. (original) The apparatus of claim 57, wherein the web server is notified that the URL data item was accessed by a user by notifying the web server that the URL data item was delivered to a browser.

59. (original) The apparatus of claim 57, wherein the web server is notified that the URL data item was accessed by initiating an HTTP GET operation for the URL data item.

60. (original) The apparatus of claim 57, wherein the web server is notified of multiple accesses of multiple URL data items by initiating an HTTP PUT operation.

61. (original) The apparatus of claim 57, wherein the web server is notified of multiple accesses of multiple URL data items by initiating an HTTP POST operation.

62. (original) The apparatus of claim 57, wherein the web server is notified that the URL data item was accessed by e-mail, and wherein multiple accesses of multiple URL data items is reported in one e-mail.

63. (currently amended) The apparatus of claim 47, further comprising ~~means for compressing a subset of the URL data items;~~ means for compressing a subset of the URL data items, wherein each URL data item is compressed individually independent of other URL data item such that each compressed URL data item can be decompressed without decompressing other URL data items [[:]] .

64-96. (canceled).

97. (original) A method for transmitting content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the method comprising the steps of:

scheduling the assembling of a channel's content;

assembling the channel's content according to the schedule;

fragmenting the channel's content into packets;

multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory.

98. (original) The method of claim 97, further comprising the step of organizing the received usage reports by channel.

99. (original) The method of claim 97, wherein each usage report contains information identifying a subset of URL data items delivered to a web browser.

100. (original) The method of claim 97, wherein the usage reports comprise a set of files, and wherein the URL data item accessed for each channel is referenced in one set of files.

101. (original) The method of claim 97, wherein the usage reports contain information identifying each URL data item, from the stored URL data items, being delivered to a web browser.

102. (original) The method of claim 100, further comprising the step of performing usage reporting on a subset of a channel's URL data items and wherein the files contain a separate record for each time a usage reported URL data item was delivered to the web browser, and wherein the record identifies the URL of the URL data item.

103. (original) The method of claim 102, wherein the record identifies when the URL data item was delivered to the web browser.

104. (original) The method of claim 102, wherein the record contains a field uniquely identifying the user that accessed the URL data item.

105. (original) The method of claim 104, wherein the field uniquely identifying the user does not specify the identity of the user.

106. (original) The method of claim 104, wherein the field uniquely identifying the user specifies the identity of the user.

107. (original) The method of claim 97, wherein a channel's content is assembled from a web server and further comprising the step of notifying the web server from which a URL data item was assembled that the URL data item was accessed by a user.

108. (original) The method of claim 107, wherein the web server is notified that the URL data item was accessed by a user by notifying the web server that the URL data item was delivered to a browser.

109. (original) The method of claim 107, wherein the web server is notified that the URL data item was accessed by initiating an HTTP GET operation for the URL data item.

110. (original) The method of claim 107, wherein the web server is notified of multiple accesses of multiple URL data items by initiating an HTTP PUT operation.

111. (original) The method of claim 107, wherein the web server is notified of multiple accesses of multiple URL data items by initiating an HTTP POST operation.

112. (original) The method of claim 107, wherein the web server is notified that the URL data item was accessed by e-mail, and wherein multiple accesses of multiple URL data item is reported in one e-mail.

113. (original) The method of claim 97, further comprising the step of compressing a subset of the URL data items, wherein each URL data item is compressed individually independent of other URL data items such that each compressed URL data item can be decompressed without decompressing other URL data items.

114-144. (canceled).

145. (original) A receiver in a multicast system, comprising:  
means for receiving URL data items from a multicast network;  
means for storing the received URL data items;

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means for allowing a user to access the stored URL data items; and

means for tracking user access to the stored URL data items.

146. (original) The receiver of claim 145, wherein the URL data items are assembled from a web site and further comprising means for reporting the tracked user access to the web site.

147. (original) The receiver of claim 145, wherein the tracking means includes means for counting a number of times the user accesses a subset of the stored URL data items.

148. (original) The receiver of claim 145, further comprising:

means for determining when a URL data item requested to be accessed by the user is not present within the stored URL data items,

means for notifying the user that the requested URL data item is not present within the stored URL data items, and

means for allowing the user to access the non-present URL data item via a connection to a TCP/IP network.

149. (original) The receiver of claim 148, further comprising means for soliciting the user whether to access the non-present URL data item via the connection to the TCP/IP network.

150. (original) The receiver of claim 148, wherein the multicast network is a geosynchronous satellite broadcast system and wherein the connection to the TCP/IP network is a dial-up modem.

151. (original) A receiver in a multicast system, comprising:  
means for monitoring receiver activity; and  
means for selectively receiving content from a multicast network, wherein the content is selectively received based on the monitored receiver activity.

152. (original) The receiver of claim 151, wherein the monitoring means monitors whether any other applications are currently active on the receiver.

153. (original) The receiver of claim 151, wherein the monitoring means monitors utilization of a receiver memory.

154. (original) The receiver of claim 151, wherein the monitoring means monitors user activity on an input device of the receiver.

155. (original) The receiver of claim 154, wherein the receiver is a personal computer and the user activity comprises keystrokes on a keyboard input device.

156. (original) The receiver of claim 154, wherein the receiver is a personal computer and the user activity comprises clicks on a mouse input device.

157. (original) The receiver of claim 156, wherein the user activity further comprises keystrokes on a keyboard input device.



158. (original) The receiver of claim 151, further comprising means for soliciting a user to specify when content should be received and wherein the receiving means receives content based on the user specifications.

159. (original) The receiver of claim 158, wherein the user specifications include time of day when content should be received.

160. (original) The receiver of claim 158, wherein the content comprises base packages and delta packages and the user specifications includes a first time period when base packages can be received and a second time period when delta packages can be received.

161. (original) The receiver of claim 151, further comprising means for suspending reception of content when the monitoring means determines that reception will interfere with other receiver activity.

162. (original) The receiver of claim 161, further comprising means for automatically enabling reception of content after the monitoring means determines that reception will not interfere with other receiver activity.

163. (original) The receiver of claim 161, further comprising means for automatically enabling reception at a time of day when reception will most likely not interfere with other receiver activity.

164. (original) The receiver of claim 161, wherein the monitoring means determines that reception will not interfere with other activity by monitoring user activity on an input device of the receiver.

165. (original) The receiver of claim 164, wherein the receiver is a personal computer and the user activity comprises clicks on a mouse input device.

166-171. (canceled).

172. (withdrawn) A system for multicasting URL data items from web sites to a plurality of receivers, comprising:

a web crawler for retrieving URL data items from the web sites and formatting the retrieved URL data items into packages;

a package delivery subsystem for receiving the packages from the web crawler, fragmenting the packages into packets and transmitting the packets to a multicast network; and

a conditional access system for determining which receivers are authorized to receive the packets, wherein the multicast network multicasts the packets only to authorized receivers.

173. (withdrawn) The system of claim 172, wherein the web crawler retrieves URL data items from the web sites according to a predetermined channel definition.

174. (withdrawn) The system of claim 172, wherein the multicast network multicasts an electronic program guide to each receiver, and wherein the electronic program guide contains descriptions of the web sites from which URL data items were retrieved.

175. (withdrawn) The system of claim 174, wherein a receiver uses the electronic program guide to subscribe to selected web sites and the system further comprises a registration server for tracking subscription information.

176. (withdrawn) The system of claim 175, wherein the registration server provides the subscription information to the package delivery subsystem.

177. (withdrawn) The system of claim 172, further comprising a cache hit tracker which receives usage reports from the receivers, wherein the usage reports contain information identifying which URL data items, from the set of URL data items received by the receiver, were accessed by a user.

178. (withdrawn) The system of claim 177, wherein the cache hit tracker stores the usage reports in hit log files.

179. (withdrawn) The system of claim 178, wherein the cache hit tracker provides the hit log files to the web sites from which the URL data items were retrieved.

180. (withdrawn) The system of claim 172, wherein the multicast network multicasts the packets to the receiver over a one-way high speed link.

181. (withdrawn) The system of claim 180, wherein the high speed link comprises a satellite link.

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182. (withdrawn) A system for multicasting content organized into channels to a plurality of receivers, wherein a channel's content includes a plurality of URL data items from at least one web site, comprising:

a web crawler for retrieving the URL data items from the web site via a TCP/IP network and formatting the retrieved URL data items into packages;

a package delivery subsystem for receiving the packages from the web crawler and fragmenting the packages into packets;

a conditional access system for determining which receivers are authorized to receive the packets; and

a multicast network for receiving the packets from the package delivery subsystem, wherein the conditional access system encrypts the packets and the multicast network multicasts the encrypted packets to the authorized receivers, and wherein the authorized receivers store the packets in a memory and decrypt the packets.

183. (withdrawn) The system of claim 182, wherein the web crawler compresses a subset of the retrieved URL data items, and wherein each URL data item is compressed individually independent of other URL content such that the receiver can decompress each URL data item without decompressing other URL data items.

184. (withdrawn) The system of claim 182, wherein the web crawler assembles a base package containing each URL data item in the channel and subsequently assembles a delta package containing URL data items which have changed or are new since the previous assembling of the base package.

185. (withdrawn) The system of claim 184, wherein the web crawler assembles the base packages and delta packages according to a schedule.

186. (withdrawn) The system of claim 184, wherein the multicast network multicasts the base packages and the delta packages according to a schedule.

187. (withdrawn) The system of claim 186, wherein the base packages are scheduled for multicasting at a time when the receiver is not likely to be in use for other applications.

188. (withdrawn) The system of claim 184, wherein the web crawler compresses a subset of the retrieved URL data items, and wherein each URL data item is compressed individually independent of other URL content such that the receiver can decompress each URL data item without decompressing other URL data items.

189. (withdrawn) The system of claim 188, wherein the web crawler difference compresses a subset of the URL data items that are present in both the delta package and the previous base package.

190. (withdrawn) The system of claim 189, wherein the web crawler performs difference compression by:

dividing a URL data item in the delta package into sections; and

for each section, places into a compressed version of the URL data item, one of a reference to where that section can be found in the base package, or the section of the URL data item from the delta package.

191. (withdrawn) The system of claim 184, wherein the web crawler assembles a second delta package which contains URL data items which have changed since the assembling of the previous delta package.

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192. (withdrawn) The system of claim 182, wherein each receiver comprises a content viewer for allowing a user to access the stored URL data items.

193. (withdrawn) The system of claim 192, further comprising a cache hit tracker which receives usage reports from the receivers, wherein the usage reports contain information identifying which URL data items, from the set of stored URL data items, was accessed by a user.

194. (withdrawn) The system of claim 193, wherein the cache hit tracker provides the usage reports to the web sites from which the accessed URL data items were retrieved.

195. (withdrawn) The system of claim 182, wherein the TCP/IP network comprises the Internet.

196. (withdrawn) The system of claim 182, wherein the multicast network multicasts the packets to the receiver over a one-way high speed link.